

**DATE:** June 27, 2019

**TO:** Todd Wyett, Chairman  
State Transportation Commission

**FROM:** Paul C. Ajegba  
Director

**SUBJECT:** Waiver of Commission Approval

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation and local public agencies, public transportation authorities, and railroad grant or loan recipients. These contracts require approval of the State Transportation Commission. The approximate three-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of funds, and jeopardize construction schedules and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on June 28<sup>th</sup>, and July 12<sup>th</sup>, 2019. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate three-week delay resulting if Commission pre-approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on June 7, 2019. The low bids received were more than 10% over the engineers' estimate and therefore require approval by the State Transportation Commission. The approximate three-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedule.

The projects and descriptions documented in Exhibit A-3, attached, were let on June 7, 2019. The projects are being submitted for informational purposes since only one bid was received for each of these projects and the engineers' estimate was less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

“If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days.”

If the waiver is granted, the Department will proceed to execute the items noted above.

*Signed copy on file*

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Director

The request for waiver of Commission approval of the above-mentioned item is approved.

*Signed copy on file*

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Todd Wyett, Chairman

*June 27, 2019*

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Date

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

CONTRACTS

June 27, 2019

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

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**Excess Property**

1. HIGHWAYS (Development Services) – License Agreement  
Tract 1539, Control Section 63174, Parcel 309 Part A

The subject tract is located in the City of Auburn Hills, Oakland County, Michigan and contains approximately 33.43 acres within MDOT right of way along the M-59 and I-75 interchange. The license was appraised by an MDOT technical specialist on February 13, 2019, at \$72,000 per year. The appraisal was reviewed by an MDOT property analyst on March 4, 2019, at the amount of \$72,000 per year. The tract was approved for licensing by the Program and Property Management Unit Supervisor, Development Services Division, on March 5, 2019, for \$72,000 per year. Mahindra Automotive Group North America, Inc., has submitted a signed Excess Property License Agreement. The license term will be July 1, 2019, through June 30, 2024. The contract amount will be \$360,000. The Bureau of Development has determined the requested license agreement can be granted without inhibiting operation and maintenance needs, with concurrence from the Metro Region. This is a revenue contract.

2. HIGHWAYS (Development Services) – Resolution “A” (Direct Sale)  
Tract 1550, Control Section 63082, Parcel 15 Part A, Parcel 15A Part A

The subject tract is located in the City of Farmington Hills, Oakland County, Michigan, and contains approximately 19,516 square feet. The property was appraised by an MDOT property analyst on March 26, 2019, at \$137,000. The appraisal was reviewed by a second MDOT property analyst on April 3, 2019, at \$137,000. The property was approved for sale by the Property Management Unit Supervisor, Development Services Division, on April 8, 2019, for \$137,000. Ruth C. Langan Trust submitted an Application to Purchase and Agreement of Sale and a check in the amount of \$137,000, which represents full payment. The property was determined to be excess by the Bureau of Development, with concurrence from the Metro Region.

## CONTRACTS

3. \*EXECUTIVE (Office of Economic Development) - SIB Loan  
Contract (2019-0557) between MDOT and the Village of Birch Run is a state infrastructure bank (SIB) loan to assist the Village in financing transportation infrastructure improvements through the rehabilitation of Maple Road. The Village plans to use a special street millage to repay the loan. MDOT will loan \$611,000 at 3.25 percent interest for 7 years to the Village of Birch Run. The contract will be in effect from the date of award through December 31, 2026. Source of Funds: SIB Loan Funds - \$611,000.
4. \*EXECUTIVE (Office of Economic Development) - SIB Loan  
Contract (2019-0559) between MDOT and the City of Bessemer is a state infrastructure bank (SIB) loan to assist the City in financing transportation infrastructure improvements through the design of a water and sewer improvement project. The City plans to use United States Department of Agriculture Rural Development funds to repay the loan. MDOT will loan \$1,100,000 at 4.5 percent interest for 5 years to the City of Bessemer. The contract will be in effect from the date of award through December 31, 2024. Source of Funds: SIB Loan Funds - \$1,100,000.
5. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5017) between MDOT and the Village of Quincy will provide for funding participation in the construction of the following improvements:
- Storm sewer repair work along Highway US-60 (Chicago Street) from Arnold Street to Maiden Lane and at the intersection of Pleasant Street.
- Estimated Funds:
- |                                  |                 |
|----------------------------------|-----------------|
| Village of Quincy Funds          | \$74,648        |
| State Restricted Trunkline Funds | <u>\$10,653</u> |
| Total Funds                      | <u>\$85,301</u> |
- M 84900 – 203817CON; Branch County  
Local Letting
6. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5066) between MDOT and the Tuscola County Drain Commissioner will provide for funding participation in the construction of the following improvements:
- Drain clean-out and improvement work, including roadway drainage, shoulder enlargement, and embankment stability work along Highway M-138 from Van Buren Road easterly approximately one mile to Quanicassee Road.
- Estimated Funds:
- |                                  |                  |
|----------------------------------|------------------|
| State Restricted Trunkline Funds | <u>\$665,100</u> |
| Total Funds                      | <u>\$665,100</u> |
- M 84900 – 203817CON; Tuscola County  
Local Letting

7. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5224) between MDOT and the City of Ann Arbor will provide for participation in the following improvements:  
  
Rectangular rapid flashing beacon (RRFB) installation work along Eisenhower Parkway at Plaza Drive.  
  
Estimated Funds:  
  

Federal Highway Administration Funds	\$31,562.17
City of Ann Arbor Funds	<u>\$ 3,506.91</u>
Total Funds	<u>\$35,069.08</u>

  
HSIP 81000 – 203463; Washtenaw County  
Local Force Account
  
8. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5240) between MDOT and the City of Lapeer will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category F Funds:  
  
Road resurfacing work along Davison Road from east of Lake Nepessing Road to west of Millville Road, including drainage improvements and pavement marking work.  
  
Estimated Funds:  
  

State Restricted TED Funds	\$372,900
City of Lapeer Funds	<u>\$305,100</u>
Total Funds	<u>\$678,000</u>

  
EDF 44000 – 203217; Lapeer County  
Local Letting
  
9. HIGHWAYS - Participation for Local Agency Contract  
Contract (2019-5245) between MDOT and the Road Commission for Oakland County will provide for participation in the following improvements:  
  
Traffic Operations Center work, including general operation, communications, equipment management, and system management work.  
  
Estimated Funds:  
  

Federal Highway Administration Funds	\$2,320,000
Road Commission for Oakland County Funds	<u>\$ 580,000</u>
Total Funds	<u>\$2,900,000</u>

  
CM 63000 – 202985OPS  
No Letting

10. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5247) between MDOT and the Presque Isle County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category D Funds and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Single course chip and fog seal along County Road 634 from County Road 451 easterly for approximately 2.5 miles and along County Road 634 from approximately 0.5 miles west and approximately 1 mile east of County Road 441.

Estimated Funds:

Federal Highway Administration Funds	\$44,945.00
State Restricted TED Funds	\$48,834.81
Presque Isle County Road Commission Funds	\$ 0
Total Funds	<u>\$93,779.81</u>

STL 71000 – 202274  
Local Force Account

11. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5266) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Single course chip seal and fog seal work along Condensery Road from Vickeryville Road easterly to Crystal Road.

Estimated Funds:

Federal Highway Administration Funds	\$39,028.55
Montcalm County Road Commission Funds	\$ 9,757.14
Total Funds	<u>\$48,785.69</u>

STL 59000 – 206716  
Local Force Account

12. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5267) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Single course chip seal and fog seal work along North Amble Road from Stanton Road northerly to Briggs Road, along Briggs Road from Amble Road westerly to Bailey Road, and along Bailey Road from Briggs Road northerly to Kendaville Road together with necessary related work.

Estimated Funds:

Federal Highway Administration Funds	\$75,073.50
Montcalm County Road Commission Funds	\$18,768.37
Total Funds	<u>\$93,841.87</u>

STL 59000 – 206724  
Local Force Account

\* Denotes a non-standard contract/amendment

13. HIGHWAYS - Participation for State Local Bridge Construction Contract  
Contract (2019-5272) between MDOT and the City of Novi will provide for funding participation in the construction of the following improvements under Section 144 of Title 23 USC and the State Local Bridge Program:

PART A

Rehabilitation work for structure 12769, which carries West Park Drive over CSX Railroad, Section 9, T01N, R08E, City of Pontiac, Oakland County. Rehabilitation work for structure 8248, which carries Cranbrooke Drive over Courter Ditch, Section 25, T01N, R08E, City of Pontiac. Rehabilitation work for structure 8246, which carries Meadowbrook Road over Courter Ditch, Section 25 & 26, T01N, R08E, City of Pontiac, Oakland County, Michigan, including epoxy overlay of bridge deck, deck patching, partial concrete deck resurfacing, epoxy injection and concrete patching of concrete beams, concrete sidewalk repair, approach, and maintenance of traffic work, together with necessary related work.

PART B

Rehabilitation work for structure 12769, which carries West Park Drive over CSX Railroad, Section 9, T01N, R08E, City of Pontiac, Oakland County. Rehabilitation work for structure 8248, which carries Cranbrooke Drive over Courter Ditch, Section 25, T01N, R08E, City of Pontiac. Rehabilitation work for structure 8246, which carries Meadowbrook Road over Courter Ditch, Sections 25 and 26, T01N, R08E, City of Pontiac, Oakland County, Michigan, including epoxy overlay of bridge deck, deck patching, partial concrete deck resurfacing, epoxy injection and concrete patching of concrete beams, concrete sidewalk repair, approach, and maintenance of traffic work together with necessary related work.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$125,100	\$ 0	\$125,000
State Restricted Trunkline Funds	\$ 23,500	\$73,000	\$ 96,500
City of Novi Funds	\$ 7,800	\$ 3,800	\$ 11,600
Total Funds	<u>\$156,400</u>	<u>\$76,800</u>	<u>\$233,200</u>

BHT 63000 – 202407; Oakland County  
Letting of 7/12/2019

14. \*HIGHWAYS - Participation for Local Agency Construction Contract  
Amendatory Contract (2019-5278) between MDOT and the Montcalm County Road Commission will provide for participation in the construction of the following improvements utilizing Federal Highway Administration Equity Bonus Funds designated by Act 51 of the Public Acts of 1951 as Transportation Economic Development Category D Funds for Local Agency projects (Category D Funds), state Local Bridge Funds, and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

PART A

Roadway safety improvement work along Wise Road from west of the Flat River easterly to east of the Flat River, including curve realignment, profile correction, permanent signing, tree removal, and guardrail upgrade work.

PART B

Hot mix asphalt resurfacing work along Wise Road from Highway M-91 westerly to Youngman Road, including pavement marking work.

### PART C

The removal and replacement of structure 7453, which carries Wise Road over the Flat River, Sections 4, 5, 32 & 33, T09N & T10N, R08W, Eureka and Montcalm Townships, Montcalm County, Michigan; the reconstruction of the approaches to the structure for approximately 899 feet westerly and 731 feet easterly of the structure.

### PART D

Contractor staking and structure name plate installation work for structure 7453, which carries Wise Road over the Flat River, Sections 4, 5, 32 & 33 T09N, & T10N, R08W, Eureka and Montcalm Township, Montcalm County, Michigan.

Estimated Funds:

	<u>PART B</u> <u>ORIGINAL</u>	<u>PART B</u> <u>AMEND</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$375,000	\$ 0	\$375,000
State Funds	\$ 86,800	\$ 13,400	\$100,200
Montcalm County Road Commission Funds	\$ 16,400	\$(13,400)	\$ 3,000
Total Funds	<u>\$478,200</u>	<u>\$ 0</u>	<u>\$478,200</u>

	<u>PART C</u> <u>ORIGINAL</u>	<u>PART C</u> <u>AMEND</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$1,299,200	\$ 0	\$1,299,200
State Funds	\$ 243,600	\$ 81,200	\$ 324,800
Montcalm County Road Commission Funds	\$ 81,200	\$(81,200)	\$ 0
Total Funds	<u>\$1,624,000</u>	<u>\$ 0</u>	<u>\$1,624,000</u>

HSIP 59609 – 130959; STUL 59000 – 132288; BRT 59000 – 133056  
Amendment

15. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5279) between MDOT and the City of St. Johns will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway resurfacing work along Technical Drive from Tolles Drive to the northern end of Technical Drive, along Tolles Drive from Technical Drive to approximately 60 feet west of Zeeb Drive, along Walker Road from the Highway US-127 business route to St. Johns Industrial Drive, and roadway reconstruction work along Walker Road from the east end of St. John's Industrial Park easterly for approximately 1,100 feet.

Estimated Funds:

State Restricted TED Funds	\$ 805,154
St. Johns County Road Commission Funds	<u>\$ 579,711</u>
Total Funds	<u>\$1,384,865</u>

EDA 19000 – 205216; Clinton County  
Local Letting



16. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5281) between MDOT and the Bay County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway reconstruction work along Flajole Road from approximately 800 feet north of Salzburg Road to approximately 110 feet south of Salzburg Road, and roadway resurfacing work along Salzburg Road from approximately 950 feet west of Flajole Road to approximately 3,700 feet east of Flajole Road.

Estimated Funds:

State Restricted TED Funds	\$515,224
Bay County Road Commission Funds	<u>\$210,443</u>
Total Funds	<u>\$725,667</u>

EDA 09000 – 205218  
Local Letting

17. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5282) between MDOT and the Cass County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category D Funds and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along Calvin Center Road from Bonine Street to Highway M-60.

Estimated Funds:

Federal Highway Administration Funds	\$47,741.10
State Restricted TED Funds	\$11,935.28
Cass County Road Commission Funds	<u>\$ 0</u>
Total Funds	<u>\$59,676.38</u>

STL 14555 – 129849  
Local Force Account

18. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5283) between MDOT and the Cass County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category D Funds and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along Cassopolis Road from Mason Street to Lost Road, including shoulder work.

Estimated Funds:

Federal Highway Administration Funds	\$68,649.78
State Restricted TED Funds	\$17,162.44
Cass County Road Commission Funds	\$ 0
Total Funds	<u>\$85,812.22</u>

STL 14555 – 129851

Local Force Account

19. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5301) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Single course chip seal and fog seal work along County Road 510 (Sidney Road) from Cedar Lake Road east to County Road 565 (Crystal Road).

Estimated Funds:

Federal Highway Administration Funds	\$69,257.65
Montcalm County Road Commission Funds	<u>\$17,314.41</u>
Total Funds	<u>\$86,572.06</u>

STL 59000 – 206718

Local Force Account

20. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5304) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Single course chip seal and fog seal work along South Street/Condensery Road from Highway M-66 east to Wood Road.

Estimated Funds:

Federal Highway Administration Funds	\$75,160.02
Montcalm County Road Commission Funds	<u>\$18,790.01</u>
Total Funds	<u>\$93,950.03</u>

STL 59000 – 206726

Local Force Account

21. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5316) between MDOT and the Manistee County Road Commission will provide for participation in the following:

Hot mix asphalt overlay work along Stronach Road from Highway US-31 easterly to Highway M-55, including partial or full paved shoulder base reconstruction work for the construction of a detour route for the Highway M-55 bridge over the Pine River.

Estimated Funds:

State Restricted Trunkline Funds	<u>\$2,000,000</u>
Total Funds	<u>\$2,000,000</u>

M 51021 – 208035; Manistee County  
Local Construction

22. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5344) between MDOT and the Village of Bloomingdale will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Roadway reconstruction work along Miller Road (41st Street) from the village limits of Bloomingdale to approximately 1,000 feet north of the village limits.

Estimated Funds:

State Restricted TED Funds	\$154,000
Village of Bloomingdale Funds	<u>\$154,400</u>
Total Funds	<u>\$308,000</u>

EDB 80000 – 208233; Van Buren County  
Local Letting

23. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5351) between MDOT and the Village of Quincy will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Roadway reconstruction work along Berry Street from Liberty Street northerly to Highway US-12 (Chicago Street); chip seal with fog seal work along Main Street from the southern limits of the Village of Quincy northerly to the north limits of the village; and edge paving, chip seal, and fog seal work along Bennett Street from Jefferson Street southerly to Liberty Street.

Estimated Funds:

State Restricted TED Funds	\$179,500
Village of Quincy Funds	<u>\$179,500</u>
Total Funds	<u>\$359,000</u>

EDB 12000 – 208273; Branch County  
Local Letting

24. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5354) between MDOT and the City of Montrose will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Roadway reconstruction work along Genesee Street from Maple Street to State Road and along Genesee Street from State Road to Hickory Street, including roadway lane reconfiguration to a two-lane roadway, hot mix asphalt surfacing, pavement and subbase removal, concrete curb and gutter, storm sewer, drainage, aggregate base, and concrete sidewalk ramp improvement work.

Estimated Funds:

State Restricted TED Funds	\$250,000
City of Montrose Funds	<u>\$255,000</u>
Total Funds	<u>\$505,000</u>

EDB 25000 – 208283; Genesee County  
Local Letting

25. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5357) between MDOT and the City of Bronson will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt cold milling and resurfacing work along East Corey Street from Matteson Street easterly to Wayne Street and along Grant Street from Matteson Street easterly to Wayne Street, including curb and gutter repair at select locations.

Estimated Funds:

State Restricted TED Funds	\$105,713.30
City of Bronson Funds	<u>\$105,713.30</u>
Total Funds	<u>\$211,426.60</u>

EDB 12000 – 208285; Branch County  
Local Letting

26. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5362) between MDOT and the City of Hillsdale will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt cold milling and resurfacing in localized areas; single course chip seal, fog seal, and crack filling repair at the following locations: Westwood Street from Lewis Street to West Street, Lewis Street from Spring Street to Westwood Street, College Street from West Street to Academy Street, Spring Street from West Street to Highway M-99, Barnard Street from Griswold Street to the west city limits of Hillsdale, Budlong Street from Highway M-99 to South Street, Bacon Street from the east city limits to the west city limits of Hillsdale, Hillsdale Street from Carleton Street to the north city limits of Hillsdale, Fayette Street from Highway M-99 to Barr Street, Hallett Street from Highway M-99 to Reading Street, and Budlong Street from south to Hallett Street.

Estimated Funds:

State Restricted TED Funds	\$250,000
City of Hillsdale Funds	<u>\$250,000</u>
Total Funds	<u>\$500,000</u>

EDB 30000 – 208295; Hillsdale County  
Local Letting

27. HIGHWAYS - Railroad Grade Crossing Improvement Contract

Contract (2019-5113) between MDOT and the Van Buren County Road Commission, will provide for funding participation in the following improvements utilizing State Rail Grade Crossing Funds and Federal Highway Administration Surface Transportation Program Funds:

Preliminary engineering services and roadway improvement work at the at-grade crossing of the tracks of the CSX Transportation, Inc., with 14th Avenue (National Inventory #234-531-H), including hot mix asphalt base crushing, shaping and resurfacing, trenching, earth excavation, embankment, subbase, permanent pavement markings, permanent signing, and slope restoration work.

Estimated Funds:

Federal Highway Administration Funds	\$102,200
State Rail Grade Crossing Funds	\$ 11,400
Van Buren County Road Commission Funds	<u>\$ 0</u>
Total Funds	<u>\$113,600</u>

STRH 80000 – 202793  
Letting of 06/7/2019

28. PASSENGER TRANSPORTATION - Section 5307 Program

Project Authorization (17) Revision (2) under Master Agreement (2012-0033) between MDOT and the Ann Arbor Area Transportation Authority will extend the authorization term by one year to provide sufficient time for the Authority to complete the projects. The projects were delayed due to staffing changes and revisions to the federal grant that will allow the Authority to utilize remaining funds for bus purchases and bus terminal renovations. The original authorization provides state matching funds for the Authority's FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program grant for vehicles, vehicle equipment, hardware and software, support vehicles, capital cost of contracting, preventive maintenance, bus shelters, pedestrian access, planning, and station equipment. The revised authorization term will be July 23, 2014, through July 22, 2020. The authorization amount remains unchanged at \$10,623,954. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$8,499,163; FY 2014 and FY 2015 State Restricted Comprehensive Transportation Funds - \$2,124,791.

29. PASSENGER TRANSPORTATION - Section 5309 Program  
Project Authorization (19) Revision (2) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by one year to provide sufficient time for SMART to complete the project, including the purchase of replacement buses, which are expected to be delivered in October or early November 2019. The original authorization provides state matching funds for the FY 2012 Federal Section 5309 State of Good Repair Program grant for the purchase of replacement buses, security equipment, and spare bus parts and for bus rehabilitation. The revised authorization term will be June 27, 2014, through June 26, 2020. The authorization amount remains unchanged at \$18,705,000. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$15,000,000; FY 2013 State Restricted Comprehensive Transportation Funds- \$2,105,000; FY 2013 State Transportation Funds - \$1,600,000.
30. PASSENGER TRANSPORTATION - 100% State Capital Program  
Project Authorization (11) under Master Agreement (2017-0035) between MDOT and the Clare County Board of Commissioners will provide for the reassignment of three vehicles and administrative responsibilities originally processed under Authorization (2017-0036/P2) with the Clare County Transit Corporation to the Clare County Board of Commissioners. The authorization was inadvertently assigned to the Clare County Transit Corporation. The funding will be combined with funding under Authorization (2012-0063/P18) to fully fund the vehicle purchases. The authorization will be in effect from the date of award through August 20, 2021. The authorization amount will be \$401,040, which represents the value of the vehicles. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Restricted Comprehensive Transportation Funds - \$401,040.
31. PASSENGER TRANSPORTATION - 100% State Capital Program  
Project Authorization (2) Revision (1) under Master Agreement (2017-0036) between MDOT and the Clare County Transit Corporation will provide for the reassignment of vehicles, authorization funding in the amount of \$401,040, and administrative responsibilities from the Clare County Transit Corporation to the Clare County Board of Commissioners under Authorization (2017-0035/P11). The authorization was inadvertently assigned to the Clare County Transit Corporation. The funding will be combined with funding under Authorization (2012-0063/P18) with the Clare County Board of Commissioners to fully fund the vehicle purchases. The original authorization provides state funds under the FY 2018 100% State Capital Program for the purchase of three replacement buses. The authorization term remains unchanged, August 21, 2018, through August 20, 2021. The revised authorization will have no funding. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Restricted Comprehensive Transportation Funds - \$0.

32. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (3) Revision (1) under Master Agreement (2017-0064) between MDOT and Hope Network, Inc., will add line items for vans and computer equipment and will adjust the funding among the line items. The Agency will purchase full-size vans instead of sport utility vehicles (SUVs) to better fit its service needs. The Agency also needs to replace mobile data terminals, as 3G networks will no longer be supported. The original authorization provides state matching funds for the FY 2018 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant for the purchase of replacement buses, SUVs, an administrative vehicle, and office equipment. The authorization term remains unchanged, September 21, 2018, through September 20, 2021. The authorization amount remains unchanged at \$562,744. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$450,195; FY 2018 State Restricted Comprehensive Transportation Funds - \$112,549.
33. PASSENGER Transportation - Section 5310  
Project Authorization (4) Revision (1) under Master Agreement (2017-0064) between MDOT and Hope Network, Inc., will add line items for vans and computer equipment and will adjust the funding between the line items. The Agency will purchase full-size vans instead of sport utility vehicles (SUVs) to better fit its service needs. The Agency also needs to replace mobile data terminals, as 3G networks will no longer be supported. The original authorization provides state matching funds for the FY 2019 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant for the purchase of replacement buses and SUVs. The authorization term remains unchanged, December 11, 2018, through December 10, 2021. The authorization amount remains unchanged at \$612,594. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$490,075; FY 2019 State Restricted Comprehensive Transportation Funds - \$122,519.
34. PASSENGER TRANSPORTATION - Sections 5307/5339/CMAQ Program  
Project Authorization (13) under Master Agreement (2017-0104) between MDOT and the Muskegon County Board of Commissioners will provide state matching funds for the FY 2019 Federal Section 5339 Urbanized Area Formula Capital Program, Congestion Mitigation and Air Quality Improvement Program, and FY 2019 Section 5307 Federal Transit Formula Grants program grant for a replacement bus, marketing and outreach, and support equipment. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$673,911. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$539,129; FY 2019 State Restricted Comprehensive Transportation Funds - \$134,782.

35. RAIL – Increase Services and Amount  
Amendatory Contract (2012-0292/A13) between MDOT and Quandel Consultants, LLC, will provide for the performance of additional services and will increase the contract amount by \$223,105. The additional services will include unmanned aerial vehicle inspection of bridges, hydrologic analysis, hydraulic bridge/culvert sizing, and design services for bridge/culvert replacement and/or repair. The original contract provides for as-needed engineering and project management services to be performed to support MDOT projects along the Chicago-Detroit/Pontiac High Speed Rail Corridor. The services may include tasks related to management, planning, and design activities to support the improvement and implementation of accelerated rail services in Michigan and other engineering and project management services as they may arise. The contract term remains unchanged, from May 7, 2012, through December 31, 2020. The revised contract amount will be \$4,996,733. Source of Funds: Federal Transit Administration Funds - \$75,000; Federal Highway Administration Funds - \$13,519.80; State Restricted Comprehensive Transportation Funds - \$4,886,789; State Restricted Trunkline Funds - \$21,424.20.
36. RAIL – Increase Services and Amount  
Amendatory Contract (2015-0129/A3) between MDOT and Transportation Resource Associates, Inc., will provide for the performance of additional services needed for the completion of the audit and will increase the contract amount by \$122,548.15. The original contract provides for the conduct of the triennial on-site review of the Rail Transit Agency's implementation of its safety and security plans and the provision of as-needed technical services for all Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) related activities. Under 49 CFR Part 659.15, MDOT is responsible for state safety and security oversight of rail fixed guideway systems in Michigan and is required by the Federal Transit Administration (FTA) to conduct the triennial audit. The contract term remains unchanged, February 1, 2015, through January 31, 2020. The revised contract amount will be \$758,548.15. Source of Funds: FTA Funds - \$758,548.15.
37. RAIL - Reimbursement for Insurance and Risk Fees  
Project Authorization (3) Revision (4) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$916,308.58 and will extend the authorization term by one year to provide for FY 2019 insurance and risk fees. The original authorization provides for reimbursement of Amtrak's costs for property insurance, property deductible risk fee, and self-insurance liability risk fee for capital and maintenance work to be performed on MDOT's portion of the accelerated rail corridor between Chicago and Detroit. MDOT compensates Amtrak for eligible costs under the approved scope of work. The revised authorization term will be July 1, 2016, through June 30, 2020. The revised authorization amount will be \$3,412,256.58. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$3,412,256.58.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba  
Director



## REQUEST FOR MICHIGAN STATE TRANSPORTATION

## COMMISSION APPROVAL

## BID LETTING PRE-APPROVAL

June 27, 2019

**STATE PROJECTS**

1. Letting of June 28, 2019  
Letting Call: 1906 916  
Project: ST 33011-205192  
Local Agreement: 19-5303  
Start Date: July 8, 2019  
Completion Date: November 15, 2019
- Prequalification Level:  
**\$4,216,000.00**

2.84 mi of hot mix asphalt surfacing, concrete pavement repair, concrete curb and gutter and drainage structure upgrades on M-99 from Edgewood Blvd. north to 500 feet south of Barnes Rd. in the city of Lansing, Ingham County. This project includes a 5-year material and workmanship and a 3-year material and workmanship pavement warranties.

4.00 % DBE participation required

2. Letting of July 12, 2019  
Letting Call: 1907 014  
Project: M 63000-201818  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: October 28, 2022
- Prequalification Level:  
**\$988,000.00**

0.06 mi of hot mix asphalt reconstruction, concrete curb and gutter, earthwork, aggregate base and bridge removal on Trowbridge Court over GTW Railroad in the city of Bloomfield Hills, Oakland County. A mandatory pre-bid meeting will be held at 1:00 p.m. on Tuesday, June 18, 2019, at the Oakland Transportation Service Center located at 800 Vanguard Drive, Pontiac, Michigan. All prospective bidders must attend in order to be considered eligible to bid.

0.00 % DBE participation required

3. Letting of July 12, 2019  
Letting Call: 1907 016  
Project: ST 24000-200005  
Local Agreement:  
Start Date: August 5, 2019  
Completion Date: October 31, 2020
- Prequalification Level:  
**\$695,000.00**

Construction of wetland mitigation site on Banwell Road at Smith Road in the southeast quadrant, Emmet County.

4.00 % DBE participation required

4. Letting of July 12, 2019  
Letting Call: 1907 035  
Project: IM 50111-132111  
Local Agreement:  
Start Date: August 12, 2019  
Completion Date: November 16, 2019
- Prequalification Level:  
**\$4,928,000.00**

3.30 mi of hot mix asphalt cold milling and resurfacing, full-depth concrete pavement repairs, detail 7 joint and crack repairs, drainage, concrete curb and pavement markings on I-94 from 8 Mile Road easterly to 11 Mile Road in the cities of Eastpointe, Roseville, and St. Clair Shores, Macomb County. This project includes a 3-year materials and workmanship pavement warranty.

4.00 % DBE participation required

5. Letting of July 12, 2019  
Letting Call: 1907 036  
Project: M 50051-208203  
Local Agreement:  
Start Date: August 10, 2019  
Completion Date: September 8, 2019
- Prequalification Level:  
**\$1,299,000.00**

2.22 mi of hot mix asphalt cold milling and resurfacing inside two lanes of M-3 (Gratiot Road) from 14 Mile Road to Metropolitan Parkway (16 Mile Road), Macomb County.

0.00 % DBE participation required

6. Letting of July 12, 2019  
Letting Call: 1907 037  
Project: M 61152-204559  
Local Agreement:  
Start Date: September 4, 2019  
Completion Date: October 19, 2020
- Prequalification Level:  
**\$1,225,000.00**

Deck maintenance including shallow overlay, deck joint replacement, deck patching, placing metal mesh panels, heat straightening one fascia beam and substructure patching with use of temporary supports, guardrail and reconstruction of approach work on Airline Road over US-31 and on I-96 over Airline Road in the city of Norton Shores, Muskegon County.

0.00 % DBE participation required

7. Letting of July 12, 2019  
Letting Call: 1907 038  
Project: HSIP 81104-124063  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: January 3, 2020
- Prequalification Level:  
**\$548,000.00**

4.65 mi of horizontal curve treatment, epoxy overlay, dynamic warning system and pavement markings on various routes, Eaton, Ingham, Lenawee, Livingston and Washtenaw Counties.

0.00 % DBE participation required

## LOCAL PROJECTS

8. Letting of June 28, 2019 Prequalification Level:  
Letting Call: 1906 901 **\$27,823,000.00**  
Project: TIGR 25000-200906  
Local Agreement: 19-5308  
Start Date: 10 days after award  
Completion Date: August 27, 2021

5.00 mi of hot mix asphalt reconstruction, concrete pavement, curb, gutter, sidewalk and ramps, earth excavation, aggregate base, water main, storm sewer, signing, bridge reconstruction with 21-inch prestressed concrete box beams, steel piles, cofferdams and pavement markings on Dupont Street from University Avenue to Copeman Street and from Pasadena Avenue to Bishop Avenue and on Atherton Road from Van Slyke Road to Dort Highway (M-54) over Carman Creek in the city of Flint, Genesee County. This is a Local Agency project.

5.00 % DBE participation required

9. Letting of June 28, 2019 Prequalification Level:  
Letting Call: 1906 903 **\$701,000.00**  
Project: STUL 11000-130790  
Local Agreement: 19-5289  
Start Date: 10 days after award  
Completion Date: October 30, 2019

0.93 mi of hot mix asphalt cold milling and resurfacing, joint and crack repairs and pavement markings on Napier Avenue from St. Joseph River to Colfax Avenue, Berrien County. This is a Local Agency project.

3.00 % DBE participation required

10. Letting of June 28, 2019 Prequalification Level:  
Letting Call: 1906 904 **\$3,057,000.00**  
Project: NH 41000-130612  
Local Agreement: 19-5275  
Start Date: 10 days after award  
Completion Date: October 31, 2021

0.27 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, driveway, storm sewer, water main and pavement markings on Division Avenue from Wealthy Street to Cherry Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

4.00 % DBE participation required

11. Letting of June 28, 2019  
Letting Call: 1906 905  
Project: STL 41000-130692  
Local Agreement: 19-5293  
Start Date: July 1, 2019  
Completion Date: September 14, 2019
- Prequalification Level:  
**\$1,342,000.00**
- 4.00 mi of hot mix asphalt crushing, shaping and resurfacing, guardrail and pavement markings on 7 Mile Road NW from Fruit Ridge Avenue to Alpine Avenue. Kent County. This is a Local Agency project.
- 3.00 % DBE participation required
12. Letting of June 28, 2019  
Letting Call: 1906 907  
Project: TAL 16000-200053  
Local Agreement: 19-5280  
Start Date: 10 days after award  
Completion Date: October 4, 2019
- Prequalification Level:  
**\$625,000.00**
- 1.83 mi of hot mix asphalt shared use path includes grading, earthwork, retaining wall, viewing platform and slope restoration on along West Burt Lake Road to Riggsville Road, Cheboygan County. This is a Local Agency project.
- 4.00 % DBE participation required
13. Letting of June 28, 2019  
Letting Call: 1906 908  
Project: STUL 52000-133036  
Local Agreement: 19-5277  
Start Date: August 5, 2019  
Completion Date: October 31, 2019
- Prequalification Level:  
**\$506,000.00**
- 0.91 mi of hot mix asphalt cold milling and resurfacing, adjust drainage structures, concrete sidewalk ramps, slope restoration and pavement markings on various routes, Marquette County. This is a Local Agency project.
- 0.00 % DBE participation required
14. Letting of June 28, 2019  
Letting Call: 1906 909  
Project: STU 82000-203503  
Local Agreement: 19-5276  
Start Date: 10 days after award  
Completion Date: September 30, 2019
- Prequalification Level:  
**\$1,341,000.00**
- 1.50 mi of hot mix asphalt cold milling and resurfacing, intermittent curb repair, concrete base repair and ADA ramps on Beech Daly Road from Brest Road to Wick Road in the city of Taylor, Wayne County. This is a Local Agency project.
- 3.00 % DBE participation required

15. Letting of June 28, 2019  
Letting Call: 1906 910  
Project: BRT 64000-133055  
Local Agreement: 19-5274  
Start Date: 10 days after award  
Completion Date: May 29, 2020
- Prequalification Level:  
**\$1,803,000.00**

Bridge reconstruction with 54-inch prestressed concrete beams, cofferdams, piles, sheet piling, hot mix asphalt paving, earthwork, drainage, riprap and approach work on Shelby Road over Stoney Creek, Oceana County. This is a Local Agency project.

3.00 % DBE participation required

16. Letting of June 28, 2019  
Letting Call: 1906 912  
Project: NH 82000-205935, ETC  
Local Agreement: 19-5309  
Start Date: 10 days after award  
Completion Date: September 30, 2020
- Prequalification Level:  
**\$11,902,000.00**

15.82 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage and pavement markings on various routes in the city of Detroit, Wayne County. This is a Local Agency project.

4.00 % DBE participation required

17. Letting of June 28, 2019  
Letting Call: 1906 915  
Project: STU 82000-205484  
Local Agreement: 19-5294  
Start Date: 10 days after award  
Completion Date: 60 Calendar Days
- Prequalification Level:  
**\$551,000.00**

0.52 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, storm sewer and pavement markings on Military Road from Cherry Hill Street to Outer Drive in the city of Dearborn, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

18. Letting of July 10, 2019  
Letting Call: 1907 701  
Project: STU 82000-203623  
Local Agreement: 19-5208  
Start Date: 10 days after award  
Completion Date: November 15, 2019
- Prequalification Level:  
**\$1,199,000.00**

Design-Build for foundation stabilization repair for piers 2, 4, 6, 8, and 10 on Grosse Ile Parkway Bridge, Wayne County. This is a Local Agency project. Only short-listed contractors are eligible to bid on this project.

0.00 % DBE participation required

19. Letting of July 12, 2019  
Letting Call: 1907 001  
Project: STL 46555-129631  
Local Agreement: 19-5249  
Start Date: 10 days after award  
Completion Date: November 1, 2019
- Prequalification Level:  
**\$1,131,000.00**

7.49 mi of hot mix asphalt overlay, shoulders and pavement markings on Ridge Highway from M-50 to the Lenawee County Line, Lenawee County. This is a Local Agency project.

3.00 % DBE participation required

20. Letting of July 12, 2019  
Letting Call: 1907 003  
Project: STL 13000-205424  
Local Agreement: 19-5250  
Start Date: October 1, 2019  
Completion Date: August 21, 2020
- Prequalification Level:  
**\$699,000.00**

1.30 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, shoulders, guardrail, signing and pavement markings on Partello Road from 19 Mile Road to southwest of 20 Mile Road, Calhoun County. This is a Local Agency project.

3.00 % DBE participation required

21. Letting of July 12, 2019  
Letting Call: 1907 005  
Project: STU 63000-203636-2, ETC  
Local Agreement: 19-5151  
Start Date: August 16, 2019  
Completion Date: September 25, 2020
- Prequalification Level:  
**\$3,631,000.00**

1.79 mi of hot mix asphalt surface removal and resurfacing, shared use path, concrete curb and gutter, sidewalk, sidewalk ramp, culverts, sewer drainage, modular block retaining wall, concrete barrier wall, ditching, concrete pavement repairs, guardrail and pavement markings on southbound Northwestern Highway Service Drive from Civic Center Drive to 9 Mile Road in the city of Southfield, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

22. Letting of July 12, 2019  
Letting Call: 1907 006  
Project: STL 74555-130151  
Local Agreement: 19-5319  
Start Date: 10 days after award  
Completion Date: July 17, 2020
- Prequalification Level:  
**\$1,394,000.00**

10.53 mi of hot mix asphalt overlay, aggregate shoulders and pavement markings on Ruth Road from the north village limit of Deckerville north to the North Huron county line, Sanilac County. This is a Local Agency project.

0.00 % DBE participation required

23. Letting of July 12, 2019  
Letting Call: 1907 007  
Project: MCS 73000-129291  
Local Agreement: 19-5295  
Start Date: 10 days after award  
Completion Date: June 20, 2020
- Prequalification Level:  
**\$1,324,000.00**

Bridge removal and replacement with prestressed concrete I-beams, hot mix asphalt surfacing and guardrail on Fergus Road over Fairchild Creek, Saginaw County. This is a Local Agency project.

0.00 % DBE participation required

24. Letting of July 12, 2019  
Letting Call: 1907 008  
Project: HSIP 50031-203267  
Local Agreement: 19-5317  
Start Date: November 1, 2019  
Completion Date: July 15, 2020
- Prequalification Level:  
**\$765,000.00**

Installation of reflectorized backplates, tethers and signal modernization on M-97 at various intersections, Macomb County. This is a Local Agency project.

0.00 % DBE participation required

25. Letting of July 12, 2019  
Letting Call: 1907 017  
Project: TA 70000-201121  
Local Agreement: 19-5292  
Start Date: 10 days after award  
Completion Date: September 19, 2021
- Prequalification Level:  
**\$2,011,000.00**

1.60 mi of hot mix asphalt shared use path, earthwork, restoration and pavement markings along Terra Verde Course from 120th Avenue to 112th Avenue, Ottawa County. This is a Local Agency project.

5.00 % DBE participation required

26. Letting of July 12, 2019  
Letting Call: 1907 018  
Project: TA 82000-203501, ETC  
Local Agreement: 19-5312  
Start Date: 10 days after award  
Completion Date: November 15, 2019
- Prequalification Level:  
**\$687,000.00**

0.56 mi of hot mix asphalt cold milling and resurfacing, concrete base course patching, full depth pavement repair, curb, gutter, sidewalk and ramps, signing, drainage, landscaping and pavement markings on Cadieux Road from Kercheval Avenue to Mack Avenue in the cities of Grosse Pointe Park and Grosse Pointe, Wayne County. This is a Local Agency project.

5.00 % DBE participation required

27. Letting of July 12, 2019  
Letting Call: 1907 019  
Project: STL 20555-130318  
Local Agreement: 19-5300  
Start Date: 10 days after award  
Completion Date: October 18, 2019
- Prequalification Level:  
**\$594,000.00**

3.57 mi of hot mix asphalt resurfacing on North Old 27 from Hulbert Road north to West Mt. Frederic Road, Crawford County. This is a Local Agency project.

28. Letting of July 12, 2019  
Letting Call: 1907 021  
Project: EMRP 77000-133405  
Local Agreement: 19-5361  
Start Date: 10 days after award  
Completion Date: June 26, 2020
- Prequalification Level:  
**\$3,025,000.00**

3.82 mi of hot mix asphalt crushing, shaping and resurfacing, trenching, ditch cleanout, aggregate shoulders, drainage and pavement markings on Capac Road from north of Hough Road north to south of Terry Road, St. Clair County. This is a Local Agency project.

3.00 % DBE participation required

29. Letting of July 12, 2019  
Letting Call: 1907 022  
Project: STU 41000-130665  
Local Agreement: 19-5370  
Start Date: 10 days after award  
Completion Date: October 31, 2021
- Prequalification Level:  
**\$2,714,000.00**

2.02 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, sidewalk ramps, drainage structures and pavement markings on Broadway Avenue from Bridge Street to Leonard Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

5.00 % DBE participation required

30. Letting of July 12, 2019  
Letting Call: 1907 023  
Project: STUL 70000-130778-2  
Local Agreement: 19-5137, 19-5138  
Start Date: September 3, 2019  
Completion Date: July 17, 2020
- Prequalification Level:  
**\$2,518,000.00**

1.50 mi of hot mix asphalt resurfacing, machine grading, aggregate base, concrete driveway, curb and gutter, storm sewer, retaining wall, signing and pavement markings on North Shore Drive from the Grand Haven city limit to Main Street and from the Ferrysburg city limit to North Shore Park and on Piney Pointe Drive from North Shore Drive to the cul de sac in the city of Grand Haven, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required



31. Letting of July 12, 2019  
Letting Call: 1907 024  
Project: FLAP 17555-130389  
Local Agreement: 19-5328  
Start Date: 10 days after award  
Completion Date: November 15, 2019
- Prequalification Level:  
**\$1,869,000.00**
- 10.60 mi of hot mix asphalt crushing, shaping and resurfacing, shoulders, drainage and pavement markings on Curley Lewis Highway from Salt Point Road to M-123, Chippewa County. This is a Local Agency project.
- 2.00 % DBE participation required
32. Letting of July 12, 2019  
Letting Call: 1907 025  
Project: BO 37000-133029  
Local Agreement: 19-5299  
Start Date: 10 days after award  
Completion Date: June 5, 2020
- Prequalification Level:  
**\$1,096,000.00**
- Superstructure replacement, scour protection and approach work on Shepard Road over the Chippewa River, Isabella County. This is a Local Agency project.
- 3.00 % DBE participation required
33. Letting of July 12, 2019  
Letting Call: 1907 026  
Project: STL 63000-205174  
Local Agreement: 19-5334  
Start Date: 10 days after award  
Completion Date: June 19, 2020
- Prequalification Level:  
**\$739,000.00**
- 2.75 mi of hot mix asphalt overlay, shoulder aggregate, guardrail, signing and pavement markings on Grange Hall Road from Van Road to Jossman Road, Oakland County. This is a Local Agency project.
- 3.00 % DBE participation required
34. Letting of July 12, 2019  
Letting Call: 1907 027  
Project: CMG 46000-206474  
Local Agreement: 19-5322  
Start Date: November 1, 2019  
Completion Date: June 15, 2020
- Prequalification Level:  
**\$735,000.00**
- 0.05 mi of construction of a single lane roundabout including hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter, culvert, sewer, drainage, splitter islands, tree removal and pavement markings on Occidental Highway at Sutton Road, Lenawee County. This is a Local Agency project.
- 5.00 % DBE participation required

35. Letting of July 12, 2019  
Letting Call: 1907 028  
Project: TAUL 13000-202475  
Local Agreement: 19-5325  
Start Date: August 1, 2019  
Completion Date: August 31, 2020
- Prequalification Level:  
**\$677,000.00**

2.10 mi of shared use path and sidewalk ramps along Hill Brady Road from Skyline Drive to M-96 (West Dickman Road) in the city of Battle Creek, Calhoun County. This is a Local Agency project.

3.00 % DBE participation required

36. Letting of July 12, 2019  
Letting Call: 1907 029  
Project: CPM 82000-207796  
Local Agreement: 19-5321  
Start Date: 10 days after award  
Completion Date: June 1, 2020
- Prequalification Level:  
**\$576,000.00**

0.32 mi of hot mix asphalt pavement widening, concrete pavement, curb, gutter and sidewalk ramps, drainage, signals and pavement markings on Six Mile Road at Beck Road, Wayne County. This is a Local Agency project.

5.00 % DBE participation required

37. Letting of July 12, 2019  
Letting Call: 1907 030  
Project: TA 28000-202742  
Local Agreement: 19-5310  
Start Date: August 1, 2019  
Completion Date: September 15, 2022
- Prequalification Level:  
**\$1,673,000.00**

1.00 mi of hot mix asphalt shared use path, concrete shared use path, retaining wall, curb, gutter, sidewalk and ramps, drainage, fencing, riprap and pavement markings along Cass Road and on Dendrinis Drive from Northwestern Michigan College to 14th Street in the city of Traverse City, Grand Traverse County. This is a Local Agency project.

3.00 % DBE participation required

38. Letting of July 12, 2019  
Letting Call: 1907 031  
Project: STU 39000-131003  
Local Agreement: 19-5350  
Start Date: 10 days after award  
Completion Date: October 31, 2020
- Prequalification Level:  
**\$6,547,000.00**

1.91 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, culvert, curb, gutter, sidewalk and ramps, water main, signals, signing and pavement markings on Cork Street from Portage Street to Sprinkle Road in the city of Kalamazoo, Kalamazoo County. This is a Local Agency project.

3.00 % DBE participation required

39. Letting of July 12, 2019  
Letting Call: 1907 032  
Project: STL 81000-202692, ETC  
Local Agreement: 19-5335  
Start Date: 10 days after award  
Completion Date: July 31, 2020

Prequalification Level:  
**\$1,620,000.00**

6.72 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk ramps and pavement markings on various routes, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

40. Letting of July 12, 2019  
Letting Call: 1907 033  
Project: ER 56000-203306  
Local Agreement: 19-5323  
Start Date: 10 days after award  
Completion Date: September 15, 2020

Prequalification Level:  
**\$786,000.00**

0.40 mi of hot mix asphalt removal and resurfacing, culvert replacement, storm sewer, guardrail, riprap and pavement markings on various routes at 13 locations, Midland County. This is a Local Agency project.

3.00 % DBE participation required

41. Letting of July 12, 2019  
Letting Call: 1907 034  
Project: EDCF 41000-130613  
Local Agreement: 19-5286  
Start Date: 10 days after award  
Completion Date: June 15, 2020

Prequalification Level:  
**\$1,255,000.00**

0.50 mi of hot mix asphalt pavement widening, aggregate base, storm sewer, concrete pavement, curb, gutter, sidewalk and ramps, signals, water main, bridge rehabilitation with 36 inch prestressed concrete bulb-tee beams, steel sheet piling and pavement markings on 54th Street from Haughey Avenue to US-131 in the city of Wyoming, Kent County. This is a Local Agency project.

5.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba  
Director

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## OFFICE MEMORANDUM

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**DATE:** June 25, 2019

**TO:** State Transportation Commission

**FROM:** Jack Cotter, CPA, CGMA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

*Signed Original on File*

Jack Cotter, CPA, CGMA  
Commission Auditor

Attachments

cc: T. Hagon

**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: Bridge reconstruction with 60-inch prestressed concrete bulb-tee beams, steel diaphragms, cofferdams, concrete bridge approach, curb and gutter, hot mix asphalt approach reconstruction, culverts, sewer, drainage, signage, guardrail and pavement markings on M-311 over the Kalamazoo River, Calhoun County.

Project Number: 13016-125818-2

Item Number: 1906 010

Low Bidder: Toebe Construction LLC

Eng. Est: \$3,742,402.46    Low Bid: \$4,160,889.29    Difference: \$418,486.83    Percent: 11.18

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$3,742,402.46
Toebe Construction LLC	\$4,160,889.29
Anlaan Corporation	\$4,644,573.27
Milbocker and Sons, Inc.	\$5,999,999.99

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were the structures, removal and cofferdam items. These items were bid higher than normal due to site constraints. During normal flow, the depth of water in the Kalamazoo River is relatively shallow. This will likely limit, if not prohibit, the use of barges to aid the contractor in the demolition of the existing bridge, especially the existing pier, located in the middle of the channel. Not being able to use a barge could require the use of a larger crane to reach the existing pier or the use of a temporary causeway. Provisions for a causeway were not included in the design of the project, so the cost of possibly using a causeway may have been included in the structures, removal bid item. Additionally, the cofferdams will not be able to be toed into the ground as deeply as needed due to the presence of the existing sandstone. This will likely require a more comprehensive bracing design and system to keep the cofferdams stable during construction, which will add to the cost of those items. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of site constraints. This project received three bids, ranging from \$4,160,889.29 to \$5,999,999.99, which varied by 44.20 percent. The two lowest bids varied by 11.62 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Marshall TSC request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
K. Kopper	G. Finnila	K. Rothwell	W. Thompson	M. Chynoweth

BOD:DD:QA:RWC:raw

**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 4.03 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, shoulder gravel, signals and pavement markings on M-36 from Kelly Road easterly to the east limits of the village of Pinckney, in the village of Pinckney, Livingston County.

Project Number: 47041-132122

Item Number: 1906 012

Low Bidder: Rieth-Riley Construction Co., Inc.

Eng. Est: \$1,296,830.33 Low Bid: \$1,697,867.96 Difference: \$401,037.63 Percent: 30.92

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,296,830.33
Rieth-Riley Construction Co., Inc.	\$1,697,867.96
Cadillac Asphalt, L.L.C.	\$1,938,661.70
Ajax Paving Industries, Inc.	\$2,062,406.36

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were the hot mix asphalt items, minor traffic devices and traffic regulator control. These items were bid higher than normal due to maintaining traffic restrictions. This project includes 6 different construction stages, and two-way traffic must be maintained at all times using traffic regulators. Additionally, single lane closures may only occur from 9 a.m. until 3 p.m., each day with work on just one bound of M-36 at a time. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic restrictions. This project received three bids of \$1,697,867.96 to \$2,062,406.36, which varied by 21.47 percent. The two lowest bids varied by 14.18 percent. We

June 13, 2019

believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Brighton TSC request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
L. Kirby	J. Daavettila	J. Reid	D. Parker	

BOD:DD:QA:RWC:raw



**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 4.38 mi of freeway sign upgrading along I-94 from Outer Drive to Wyoming Avenue in the cities of Allen Park and Dearborn, Wayne County.

Project Number: 82022-131035

Item Number: 1906 035

Low Bidder: Action Traffic Maintenance, Inc.

Eng. Est: \$2,623,008.86      Low Bid: \$3,168,006.10      Difference: \$544,997.24      Percent: 20.78

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,623,008.86
Action Traffic Maintenance, Inc.	\$3,168,006.10
Highway Service Company, Inc.	\$3,182,867.10
J. Ranck Electric, Inc.	\$3,230,311.49

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were minor traffic devices and sign structure foundation work. These items were bid higher than normal due to maintaining traffic restrictions and low bid history. To minimize impact to drivers, single and double lane closures are only allowed from 7:00 a.m. to 7:00 p.m. on weekends, and between off-peak hours of 9:00 a.m. and 3:00 p.m. on weekdays. Also, there is a limit on the number of double lane closures that can occur, per bound. These constraints lessen the available time to perform the work, increasing costs. Additionally, the truss sign structure foundation items for the sizes specified have low bid history to effectively price. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the maintaining traffic restrictions and low bid history. This project received three bids, ranging from \$3,168,006.10 to \$3,230,311.49, which varied by 1.97 percent. The two lowest bids varied

June 13, 2019

by 0.47 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Taylor TSC request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
A. Uzcategui	A. Penzenstadler	S. Minton	K. Avery	

BOD:DD:QA:DLP:raw

**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 5, 2019

Project Description: 0.25 mi of hot mix asphalt reconstruction for intersection reconfiguration, concrete curb and gutter, signing, pavement markings, and centerline and shoulder corrugations on M-28 at Acre Trail Road, Marquette County.

Project Number: 52061-202778

Item Number: 1906 039

Low Bidder: Oberstar Inc.

Eng. Est: \$505,983.15      Low Bid: \$564,155.35      Difference: \$58,172.20      Percent: 11.50

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$505,983.15
Oberstar Inc.	\$564,155.35
Bacco Construction Company	\$579,899.63

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt; pavement marking, longitudinal, 6 inch or less width, removal; slope restoration items; and contractor staking. These items were bid higher than normal due to the small quantities and low production. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the small quantities and low production activities. This project received two bids ranging from \$564,155.35 to \$579,899.63, which varied by 2.79 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Ishpeming TSC request that this project be awarded to the low bidder based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Kauppila	A. Anderson	M. Maloney	A. Johnson	

BOD:DD:QA:SF:raw



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## OFFICE MEMORANDUM

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**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.84 mi of hot mix asphalt cold milling and single course overlay, drainage structure adjustment, and pavement markings on M-99 from north of Fayette Street northerly to north of Arch Avenue in the city of Hillsdale, Hillsdale County.

Project Number: 30032-206081

Item Number: 1906 072

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$411,399.73      Low Bid: \$586,284.42      Difference: \$174,884.69      Percent: 42.51

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$411,399.73
Michigan Paving and Materials Company	\$586,284.42

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were pavement cleaning; hot mix asphalt; minor traffic devices; and traffic regulator control. These items were bid higher than normal due a binder requirement and high number of cross streets. The hot mix asphalt item involves a high stress mix that requires a more costly binder. Additionally, there are numerous intersections and commercial driveways within the limits of the project where traffic is being maintained, increasing the costs of minor traffic devices and traffic regulator control. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of a binder requirement and high number of cross streets. This project received one bid of \$586,284.42. We believe that rejecting the bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Jackson TSC request that this project be awarded to the low bidder, based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Pittman	S. Sorensen	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw



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## OFFICE MEMORANDUM

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**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.84 mi of detail 7 joint and crack repairs and pavement markings on I-75BL (Square Lake Road) from Woodward Avenue (M-1) to Opdyke Road in the city of Pontiac, Oakland County.

Project Number: 63111-207893

Item Number: 1906 073

Low Bidder: C & D Hughes, Inc.

Eng. Est: \$402,926.82      Low Bid: \$961,492.28      Difference: \$558,565.46      Percent: 138.63

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 402,926.82
C & D Hughes, Inc.	\$ 961,492.28
Ajax Paving Industries, Inc.	\$1,034,742.28
Lois Kay Contracting Co.	\$1,341,040.90

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hand patching; pavement joint and crack repair, detail 7, special; and minor traffic devices. These items were bid higher than normal due to the detailed and restricted maintaining traffic requirements. The maintaining traffic special provision has multiple and detailed restrictions on the contractor that limits when the contractor can work (nights and weekends) and switch traffic (differs by time of day and day of the week). The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the maintaining traffic restrictions. This project received three bids ranging from \$961,492.28 to \$1,341,040.90 which varied by 39.47 percent. The two lowest bids varied by 7.62 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Oakland TSC request that this project be awarded to the low bidder, based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
D. Harrison	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:SF:raw



**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019  
Project Description: Drainage structure improvements at multiple locations on various routes, Oakland County.  
Project Number: 63051-207894  
Item Number: 1906 075  
Low Bidder: Major Cement Co.

Eng. Est: \$497,178.53      Low Bid: \$694,214.84      Difference: \$197,036.31      Percent: 39.63

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$497,178.53
Major Cement Co.	\$694,214.84
Great Lakes Contracting Solutions, LLC	\$753,381.97
Warren Contractors & Development, Inc.	\$897,245.65

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main item found to be higher than the engineer's estimate was modified drainage structure cover adjustment. This item was bid higher than normal due to maintaining traffic restrictions and a compressed schedule. For each location, there are multiple limitations on the number of lane closures and traffic switches allowed during the weekdays and weekends. In addition, the project can begin no earlier than July 8, 2019 and must be completed on or before October 31, 2019. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic restrictions and a compressed schedule. This project received three bids, ranging from \$694,214.84 to \$897,245.65, which varied by 29.25 percent. The two lowest bids varied by 8.52 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Oakland TSC request that this project be awarded to the low bidder, based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
D. Harrison	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:DLP:raw



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## OFFICE MEMORANDUM

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**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.47 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, sidewalk ramps, culverts, drainage, sewer, pavement repairs, signing and pavement markings on South Milford Road from the south village limit of Milford to General Motors Road in the village of Milford, Oakland County.

Project Number: 63000-203423

Item Number: 1906 003

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$823,486.50    Low Bid: \$974,934.57    Difference: \$151,448.07    Percent: 18.39

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 823,486.50
Cadillac Asphalt, L.L.C.	\$ 974,934.57
Florence Cement Company	\$1,110,955.00
Ajax Paving Industries, Inc.	\$1,427,886.06

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were curb and gutter removal; pavement removal, modified; project cleanup; hot mix asphalt; minor traffic devices; and traffic regulator control. These items were bid higher than normal due to detailed traffic control with multiple stages. The maintaining traffic calls for three detailed stages on the order of work required. The stages on this short stretch of road reduce the productivity. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the requirements of the maintenance of traffic and reduced productivity. This project received three bids, ranging from \$974,934.57 to \$1,427,886.06, which varied by 46.46 percent. The lowest two bids varied by 13.95 percent. We believe that rejecting this bid and re-letting this project will not

June 19, 2019

result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the village of Milford request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Shriner	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:SF:raw

**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019  
Project Description: Bridge removal and replacement with a precast three-sided culvert and approach work on 76th Street over Buck Creek, Kent County.  
Project Number: 41000-205168  
Item Number: 1906 008  
Low Bidder: Davis Construction, Inc.

Eng. Est: \$1,193,055.54 Low Bid: \$1,341,805.52 Difference: \$148,749.98 Percent: 12.47

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,193,055.54
Davis Construction, Inc.	\$1,341,805.52
Anlaan Corporation	\$1,384,349.09
Milbocker and Sons, Inc.	\$1,404,643.54
Diversco Construction Company, Inc.	\$1,566,379.80

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling hot mix asphalt surface; hot mix asphalt; minor traffic devices; topsoil surface; structures removal; three-sided precast culvert; pile driving equipment; and concrete grade S2. These items were bid higher than normal due to the special requirements in the maintenance of traffic. This project is in a commuter town for Grand Rapids, Holland, and Kalamazoo, and includes major employers and outlet malls. 76<sup>th</sup> Street carries high volumes of traffic, and the bridge removal consists of extensive hot mix asphalt removal and resurfacing. Furthermore, the contractor will be required to maintain various detour routes throughout the congested streets and work around special events and festivals. This caused a decrease in production work, which likely increased the cost to the maintaining traffic and other bridge pay items. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the requirements of the maintenance of traffic. This project received four bids, ranging from \$1,341,805.52 to \$1,566,379.80, which varied by 16.74 percent. The lowest two bids varied by 3.17 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Kent County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
P. Rojas	K. Stein	S. Rozema	E. Kind	

BOD:DD:QA:SF:raw

**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.75 mi of hot mix asphalt and concrete roundabout construction including concrete curb and gutter, culverts, drainage, sewer and pavement markings on Wadhams Road at Fred Moore Highway, St. Clair County.

Project Number: 77000-203474

Item Number: 1906 009

Low Bidder: Boddy Construction Company, Inc.

Eng. Est: \$652,738.66    Low Bid: \$929,565.89    Difference: \$276,827.23    Percent: 42.41

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 652,738.66
Boddy Construction Company, Inc.	\$ 929,565.89
Teltow Contracting, Inc.	\$ 970,552.88
Pamar Enterprises, Inc.	\$1,133,031.31
M. L. Chartier Excavating, Inc.	\$1,198,681.54

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were embankment; earth excavation; hot mix asphalt; nonreinforced concrete pavement, 9 inch; minor traffic devices; and traffic regulator control. These items were bid higher than normal due to limited work area, condensed schedule, and small quantities. The limited work area affects the contractor both with limited area to stage the materials and a tight working area, due to the limited right-of-way. The condensed schedule is to limit the disturbance to the local business and the start of school. Also, the small quantities reduce the production. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the limited work area, condensed schedule, and small quantities. This project received four bids ranging from \$929,565.89 to \$1,198,681.54 which varied by 28.95 percent. The two lowest bids

June 13, 2019

varied by 4.41 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the St. Clair County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
P. Blazo	C. Innis	J. Garza	B. Ranck	

BOD:DD:QA:SF:raw



**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.75 mi of hot mix asphalt cold milling and resurfacing, base stabilization, curb repairs, drainage, sidewalk and pavement markings on Mall Drive West from Saginaw Highway (M-43) to Elmwood Road, Eaton County.

Project Number: 23000-133078

Item Number: 1906 025

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$572,872.50    Low Bid: \$751,193.50    Difference: \$178,321.00    Percent: 31.13

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$572,872.50
Michigan Paving and Materials Company	\$751,193.50
C & D Hughes, Inc.	\$779,697.00
Rieth-Riley Construction Co., Inc.	\$900,963.27

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were curb and gutter, remove; remove excess pavement materials; hot mix asphalt; cement, special; and minor traffic devices. Remove excess pavement materials and cement, special are both unique pay items with no bid history, making it difficult to accurately predict those prices. The project is closed to through traffic for the duration of construction, but there are many driveways throughout the project. The contractor is required to maintain access to all residences and businesses, at all times, leading to an increase in cost to the major items of work. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of unique pay items and maintaining traffic restrictions. This project received three bids, ranging from \$751,193.50 to \$900,963.27, which varied by 19.94 percent. The two lowest bids varied by just

June 19, 2019

3.79 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Eaton County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Chomas	J. Early	J. Reid	D. Parker	

BOD:DD:QA:RWC:raw



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## OFFICE MEMORANDUM

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**DATE:** June 13, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.83 mi of hot mix asphalt cold milling and overlay, concrete pavement repair, curb, gutter, sidewalk and ramps, drainage and pavement markings on South Congress Street from Mansfield Street to Elm Street, on Huron Street from Forest Avenue to Cross Street and on Harriet Street from Hamilton Street to Huron Street in the city of Ypsilanti, Washtenaw County.

Project Number: 81000-205586

Item Number: 1906 026

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$537,417.75    Low Bid: \$615,900.00    Difference: \$78,482.25    Percent: 14.60

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$537,417.75
Cadillac Asphalt, L.L.C.	\$615,900.00
Ajax Paving Industries, Inc.	\$848,669.79

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt and cold milling hot mix asphalt surface. These items were bid higher than normal due to multiple locations and a tight construction schedule. This project involves three different roadways with relatively small quantities at each, reducing production and increasing costs. In addition, the project must be substantially complete with the hot mix asphalt pavement open to traffic by August 9, 2019 and a final completion date of September 15, 2019. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

**OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the multiple locations and a tight construction schedule. This project received two bids of \$615,900.00 and \$848,669.79, which varied by 37.79 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Ypsilanti request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Chomas	J. Daavettila	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw

**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019  
Project Description: Bridge removal and replacement and approach work on Starville Road over Beaubien Creek, St. Clair County.  
Project Number: 77000-204206  
Item Number: 1906 030  
Low Bidder: Z Contractors, Inc

Eng. Est: \$992,399.50 Low Bid: \$1,160,189.60 Difference: \$167,790.10 Percent: 16.91

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 992,399.50
Z Contractors, Inc.	\$1,160,189.60
Dan's Excavating, Inc.	\$1,364,661.77
Grand River Construction, Inc.	\$1,399,943.20
Anlaan Corporation	\$1,521,001.18

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were structures removal and prefabricated bridge superstructure. These items were bid higher than normal due to lack of existing plans and a unique item of work. Since there are no existing plans for the structure, the exact size of the substructure is not known. It is also not known if the existing structure is supported on piling. The prefabricated bridge superstructure is a unique item of work with a lack of bid history, and contractors will be using this product for the first time. It is custom designed, based on the characteristics of the project site. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the lack of existing plans and a unique item of work. This project received four bids, ranging from \$1,160,189.60 to \$1,521,001.18, which varied by 31.10 percent. The two lowest bids varied by 17.62 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the St. Clair County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Barry	T. Anderson	J. Garza	R. Ranck	M. Chynoweth

BOD:DD:QA:DLP:raw



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## OFFICE MEMORANDUM

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**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 1.57 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps, signing and pavement markings on Edward N Hines Drive from Outer Drive to M-153 (Ford) ramps in the cities of Dearborn and Dearborn Heights, Wayne County.

Project Number: 82000-203511

Item Number: 1906 045

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$1,343,977.60 Low Bid: \$1,537,906.58 Difference: \$163,928.98 Percent: 11.93

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,343,977.60
Cadillac Asphalt, L.L.C.	\$1,537,906.58
Ajax Paving Industries, Inc.	\$1,787,144.81

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were minor traffic devices and traffic regulator control. These items were bid higher than normal due to the expedited schedule to minimize the impacts to the local traffic. In addition, the maintaining traffic has detailed instructions for the contractor on each operation of work. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the expedited schedule. This project received two bids ranging from \$1,537,906.58 to \$1,787,144.81, which varied by 16.21 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Wayne County Department of Public Services request that this project be awarded to the low bidder based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
A. Zokvic	A. Penzenstadler	S. Minton	K. Avery	

BOD:DD:QA:SF:raw



**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: 0.79 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps and pavement markings on Greenfield Road from Rotunda Drive to Michigan Avenue (US-12) in the city of Dearborn, Wayne County.

Project Number: 82000-203505

Item Number: 1906 054

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$1,634,926.20 Low Bid: \$1,987,739.59 Difference: \$352,813.39 Percent: 21.58

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,634,926.20
Cadillac Asphalt, L.L.C.	\$1,987,739.59
Ajax Paving Industries, Inc.	\$2,398,877.79

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were minor traffic devices and traffic regulator control. These items were bid higher than normal due to the expedited schedule to minimize the impacts to local traffic. In addition, the maintaining traffic has detailed instructions for the contractor on each operation of work. There are multiple driveways, intersections, and railroad tracks that require accessible throughout construction, lowering work production. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the expedited schedule. This project received two bids, ranging from \$1,987,739.59 to \$2,398,877.79, which varied by 20.68 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Wayne County Department of Public Services request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
A. Zokvic	A. Penzenstadler	S. Minton	K. Avery	

BOD:DD:QA:SF:raw



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## OFFICE MEMORANDUM

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DATE: June 18, 2019

TO: Patrick McCarthy, Division Administrator  
Bureau of Finance and Administration

FROM: Michael Trout, Executive Administrator  
Office of Aeronautics

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate

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Letting Date: June 7, 2019

Project Description: Rehabilitation of Runway 9/27 at the Roscommon County Airport,  
City of Houghton Lake, Roscommon County.

Project number: FM 72436-128968

Low Bidder: J & N Construction, LLC

Eng. Est: \$1,610,655.00      Low Bid: \$1,795,000.85      Difference: \$184,345.85

Percent: 11.45

The following shows the proposed bids received for this project:

J&N Construction, LLC	\$1,795,000.85
Elmer's Crane and Dozer, Inc.	\$1,932,516.10
M & M Excavating Company	\$2,033,397.00
Tri-City Groundbreakers, Inc	\$2,066,244.00
Champagne and Marx Excavating, Inc.	\$2,104,055.43


### EXPLANATION FOR DIFFERENCES

Most pay items were within reasonable expectation of the estimate. Contractor schedules are full and smaller projects need higher prices to be valuable to them. Current market conditions are in line with the pay items that were over the estimate.

OVERALL CONCLUSION

Although bids were received over the estimated amount, there do not appear to be discrepancies in the bid. The increased costs are not unreasonable and should be considered fair compensation for the associated work. We recommend proceeding with the process to award the project.

The office of Aeronautics requests that his project be awarded to the low bidder on the above conclusion.

  
\_\_\_\_\_  
Executive Administrator, Office of Aeronautics

CC: Larry Strzalka, Construction Contracts Section  
Vera Warner, Bureau of Finance and Administration  
Carol Rademacher, Bureau of Finance and Administration  
Linda Bretz, Construction Contracts Section  
Heather Stinson, Contracts Unit  
Kalene Curtis, Contracts Unit  
Rose Cousin, Executive Assistant  
Marlon Pena, Program Manager, FAA  
Betsy Steudle, Office of Aeronautics  
Laura Wise, Office of Aeronautics  
Gordy Bogner, Prein & Newhof  
Eric Jaroch, Rosscommon County Airport Manager  
File

REQUEST FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION APPROVAL  
LETTING EXCEPTIONS AGENDA

June 27, 2019

**STATE PROJECTS**

1. Letting of June 7, 2019  
 Letting Call: 1906 010  
 Project: ST 13016-125818-2  
 Local Agreement:  
 Start Date: July 8, 2019  
 Completion Date: June 30, 2020
- Low Bid: **\$4,160,889.29**  
 Engineer Estimate: \$3,742,402.46  
 Pct Over/Under Estimate: 11.18 %

Bridge reconstruction with 60-inch prestressed concrete bulb-tee beams, steel diaphragms, cofferdams, concrete bridge approach, curb and gutter, hot mix asphalt approach reconstruction, culverts, sewer, drainage, signage, guardrail and pavement markings on M-311 over the Kalamazoo River, Calhoun County.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Toebe Construction LLC</b>	<b>\$4,160,889.29</b>	<b>Same</b>	<b>1 **</b>
Anlaan Corporation	\$4,644,573.27	\$4,644,568.27	2
Milbocker and Sons, Inc.	\$5,999,999.99	Same	3

Total Number of Bidders: 3

2. Letting of June 7, 2019  
 Letting Call: 1906 012  
 Project: M 47041-132122, ETC  
 Local Agreement:  
 Start Date: July 8, 2019  
 Completion Date: November 15, 2019
- Low Bid: **\$1,697,867.96**  
 Engineer Estimate: \$1,296,830.33  
 Pct Over/Under Estimate: 30.92 %

4.03 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, shoulder gravel, signals and pavement markings on M-36 from Kelly Road easterly to the east limits of the village of Pinckney, in the village of Pinckney, Livingston County. This project includes two 3-year materials and workmanship pavement warranties.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Rieth-Riley Construction Co., Inc.</b>	<b>\$1,697,867.96</b>	<b>Same</b>	<b>1 **</b>
Cadillac Asphalt, L.L.C.	\$1,938,661.70	Same	2
Ajax Paving Industries, Inc.	\$2,062,406.36	Same	3

Total Number of Bidders: 3

3. Letting of June 7, 2019  
Letting Call: 1906 035  
Project: IMG 82022-131035  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: November 14, 2019
- Low Bid: **\$3,168,006.10**  
Engineer Estimate: \$2,623,008.86  
Pct Over/Under Estimate: 20.78 %

4.38 mi of freeway sign upgrading along I-94 from Outer Drive to Wyoming Avenue in the cities of Allen Park and Dearborn, Wayne County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Action Traffic Maintenance, Inc.</b>	<b>\$3,168,006.10</b>	<b>Same</b>	<b>1 **</b>
Highway Service Company, Inc.	\$3,182,867.10	Same	2
J. Ranck Electric, Inc.	\$3,230,311.49	Same	3

Total Number of Bidders: 3

4. Letting of June 7, 2019  
Letting Call: 1906 039  
Project: EDA 52061-202778  
Local Agreement: 19-5176  
Start Date: 10 days after award  
Completion Date: September 27, 2019
- Low Bid: **\$564,155.35**  
Engineer Estimate: \$505,983.15  
Pct Over/Under Estimate: 11.50 %

0.25 mi of hot mix asphalt reconstruction for intersection reconfiguration, concrete curb and gutter, signing, pavement markings, and centerline and shoulder corrugations on M-28 at Acre Trail Road, Marquette County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Oberstar Inc.</b>	<b>\$564,155.35</b>	<b>Same</b>	<b>1 **</b>
Bacco Construction Company	\$579,899.63	Same	2

Total Number of Bidders: 2

5. Letting of June 7, 2019  
 Letting Call: 1906 072  
 Project: M 30032-206081  
 Local Agreement:  
 Start Date: August 5, 2019  
 Completion Date: October 4, 2019
- Low Bid: **\$586,284.42**  
 Engineer Estimate: \$411,399.73  
 Pct Over/Under Estimate: 42.51 %

0.84 mi of hot mix asphalt cold milling and single course overlay, drainage structure adjustment, and pavement markings on M-99 from north of Fayette Street northerly to north of Arch Avenue in the city of Hillsdale, Hillsdale County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Michigan Paving and Materials Company</b>	<b>\$586,284.42</b>	<b>Same</b>	<b>1 **</b>

Total Number of Bidders: 1

6. Letting of June 7, 2019  
 Letting Call: 1906 073  
 Project: M 63111-207893  
 Local Agreement:  
 Start Date: July 8, 2019  
 Completion Date: October 15, 2019
- Low Bid: **\$961,492.28**  
 Engineer Estimate: \$402,926.82  
 Pct Over/Under Estimate: 138.63 %

0.84 mi of detail 7 joint and crack repairs and pavement markings on I-75BL (Square Lake Road) from Woodward Avenue (M-1) to Opdyke Road in the city of Pontiac, Oakland County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>C &amp; D Hughes, Inc.</b>	<b>\$961,492.28</b>	<b>Same</b>	<b>1 **</b>
Ajax Paving Industries, Inc.	\$1,053,142.28	\$1,034,742.28	2
Lois Kay Contracting Co.	\$1,341,040.90	Same	3

Total Number of Bidders: 3

7. Letting of June 7, 2019  
 Letting Call: 1906 075  
 Project: M 63051-207894  
 Local Agreement:  
 Start Date: July 8, 2019  
 Completion Date: October 31, 2019
- Low Bid: **\$694,214.84**  
 Engineer Estimate: \$497,178.53  
 Pct Over/Under Estimate: 39.63 %

Drainage structure improvements at multiple locations on various routes, Oakland County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Major Cement Co.</b>	<b>\$694,214.84</b>	<b>Same</b>	<b>1 **</b>
Great Lakes Contracting Solutions, LLC	\$753,381.97	Same	2
Warren Contractors & Development, Inc.	\$897,245.65	Same	3

Total Number of Bidders: 3

### LOCAL PROJECTS

8. Letting of June 7, 2019  
 Letting Call: 1906 003  
 Project: STU 63000-203423  
 Local Agreement: 19-5204  
 Start Date: August 12, 2019  
 Completion Date: November 8, 2019
- Low Bid: **\$974,934.57**  
 Engineer Estimate: \$823,486.50  
 Pct Over/Under Estimate: 18.39 %

0.47 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, sidewalk ramps, culverts, drainage, sewer, pavement repairs, signing and pavement markings on South Milford Road from the south village limit of Milford to General Motors Road in the village of Milford, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$974,934.57</b>	<b>Same</b>	<b>1 **</b>
Florence Cement Company	\$1,110,955.00	Same	2
Ajax Paving Industries, Inc.	\$1,427,886.06	Same	3

Total Number of Bidders: 3

9. Letting of June 7, 2019  
 Letting Call: 1906 008  
 Project: BHT 41000-205168  
 Local Agreement: 19-5221  
 Start Date: 10 days after award  
 Completion Date: May 30, 2020
- Low Bid: **\$1,341,805.52**  
 Engineer Estimate: \$1,193,055.54  
 Pct Over/Under Estimate: 12.47 %



Bridge removal and replacement with a precast three-sided culvert and approach work on 76th Street over Buck Creek, Kent County. This is a Local Agency Project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Davis Construction, Inc.</b>	<b>\$1,341,805.52</b>	<b>Same</b>	<b>1 **</b>
Anlaan Corporation	\$1,384,349.09	Same	2
Milbocker and Sons, Inc.	\$1,404,643.54	Same	3
Diversco Construction Company, Inc.	\$1,566,379.80	Same	4

Total Number of Bidders: 4

10. Letting of June 7, 2019  
 Letting Call: 1906 009  
 Project: HRRR 77000-203474  
 Local Agreement: 19-5241  
 Start Date: July 8, 2019  
 Completion Date: June 19, 2020
- Low Bid: **\$929,565.89**  
 Engineer Estimate: \$652,738.66  
 Pct Over/Under Estimate: 42.41 %

0.75 mi of hot mix asphalt and concrete roundabout construction including concrete curb and gutter, culverts, drainage, sewer and pavement markings on Wadhams Road at Fred Moore Highway, St. Clair County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Boddy Construction Company, Inc.</b>	<b>\$929,565.89</b>	<b>Same</b>	<b>1 **</b>
Teltow Contracting, Inc.	\$970,552.88	Same	2
Pamar Enterprises, Inc.	\$1,133,031.31	Same	3
M. L. Chartier Excavating, Inc.	\$1,198,681.54	Same	4

Total Number of Bidders: 4

11. Letting of June 7, 2019  
 Letting Call: 1906 025  
 Project: STU 23000-133078  
 Local Agreement: 19-5213  
 Start Date: July 8, 2019  
 Completion Date: September 30, 2019
- Low Bid: **\$751,193.50**  
 Engineer Estimate: \$572,872.50  
 Pct Over/Under Estimate: 31.13 %

0.75 mi of hot mix asphalt cold milling and resurfacing, base stabilization, curb repairs, drainage, sidewalk and pavement markings on Mall Drive West from Saginaw Highway (M-43) to Elmwood Road, Eaton County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Michigan Paving and Materials Company</b>	<b>\$751,193.50</b>	<b>Same</b>	<b>1 **</b>
C & D Hughes, Inc.	\$779,697.00	Same	2
Rieth-Riley Construction Co., Inc.	\$900,963.27	Same	3

Total Number of Bidders: 3

12. Letting of June 7, 2019  
Letting Call: 1906 026  
Project: STU 81000-205586  
Local Agreement: 19-5231  
Start Date: June 17, 2019  
Completion Date: September 15, 2019
- Low Bid: **\$615,900.00**  
Engineer Estimate: \$537,417.75  
Pct Over/Under Estimate: 14.60 %

0.83 mi of hot mix asphalt cold milling and overlay, concrete pavement repair, curb, gutter, sidewalk and ramps, drainage and pavement markings on South Congress Street from Mansfield Street to Elm Street, on Huron Street from Forest Avenue to Cross Street and on Harriet Street from Hamilton Street to Huron Street in the city of Ypsilanti, Washtenaw County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$615,900.00</b>	<b>Same</b>	<b>1 **</b>
Ajax Paving Industries, Inc.	\$848,669.79	Same	2

Total Number of Bidders: 2

13. Letting of June 7, 2019  
Letting Call: 1906 030  
Project: AID 77000-204206  
Local Agreement: 19-5246  
Start Date: July 8, 2019  
Completion Date: June 1, 2020
- Low Bid: **\$1,160,189.60**  
Engineer Estimate: \$992,399.50  
Pct Over/Under Estimate: 16.91 %

Bridge removal and replacement and approach work on Starville Road over Beaubien Creek, St. Clair County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Z Contractors, Inc.</b>	<b>\$1,160,189.60</b>	<b>Same</b>	<b>1 **</b>
Dan's Excavating, Inc.	\$1,364,661.77	Same	2
Grand River Construction, Inc.	\$1,399,943.20	Same	3
Anlaan Corporation	\$1,521,001.18	Same	4

Total Number of Bidders: 4

14. Letting of June 7, 2019  
 Letting Call: 1906 045  
 Project: M 82000-203511, ETC  
 Local Agreement: 19-5161, 19-5236  
 Start Date: 10 days after award  
 Completion Date: October 15, 2019
- Low Bid: **\$1,537,906.58**  
 Engineer Estimate: \$1,373,977.60  
 Pct Over/Under Estimate: 11.93 %

1.57 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps, signing and pavement markings on Edward N Hines Drive from Outer Drive to M-153 (Ford) ramps in the cities of Dearborn and Dearborn Heights, Wayne County. This project includes a 5-year materials and workmanship pavement warranty. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$1,537,906.58</b>	<b>Same</b>	<b>1 **</b>
Ajax Paving Industries, Inc.	\$1,787,144.81	Same	2

Total Number of Bidders: 2

15. Letting of June 7, 2019  
 Letting Call: 1906 054  
 Project: STU 82000-203505  
 Local Agreement: 19-5269  
 Start Date: 10 days after award  
 Completion Date: May 29, 2020
- Low Bid: **\$1,987,739.59**  
 Engineer Estimate: \$1,634,926.20  
 Pct Over/Under Estimate: 21.58 %

0.79 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps and pavement markings on Greenfield Road from Rotunda Drive to Michigan Avenue (US-12) in the city of Dearborn, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$1,987,739.59</b>	<b>Same</b>	<b>1 **</b>
Ajax Paving Industries, Inc.	\$2,398,877.79	Same	2

Total Number of Bidders: 2

## AERONAUTICS

16. Letting of June 7, 2019  
Letting Call: 1906 034  
Project: FM 72436-128968  
Local Agreement:  
Start Date: September 3, 2019  
Completion Date: 41 Calendar Days
- Low Bid: **\$1,795,000.85**  
Engineer Estimate: \$1,610,655.00  
Pct Over/Under Estimate: 11.45 %

Rehabilitation of Runway 9/27 at the Roscommon County Airport, city of Houghton Lake, Roscommon County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>J &amp; N Construction, LLC</b>	<b>\$1,795,000.85</b>	<b>Same</b>	<b>1 **</b>
Elmer's Crane and Dozer, Inc.	\$1,932,516.10	Same	2
M & M Excavating Company	\$2,033,397.00	Same	3
Tri-City Groundbreakers, Inc.	\$2,066,244.00	Same	4
Champagne and Marx Excavating, Inc.	\$2,104,055.43	Same	5

Total Number of Bidders: 5

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019

Respectfully submitted,

Paul C. Ajegba  
Director

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## OFFICE MEMORANDUM

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**DATE:** June 25, 2019

**TO:** State Transportation Commission

**FROM:** Jack Cotter, CPA, CGMA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** Justification Memorandum

Attached for your information is the department's justification memorandum for a Supplemental Exhibit A-2 item where the low bid exceeded the engineer's estimate by more than ten percent.

*Signed Original on File*

Jack Cotter, CPA, CGMA  
Commission Auditor

Attachments

cc: T. Hagon



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## OFFICE MEMORANDUM

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**DATE:** June 19, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: June 7, 2019

Project Description: Partial deck replacement including bridge railing, joints, concrete curb and gutter, sidewalk and pavement markings on M-89 over the Kalamazoo River, Allegan County.

Project Number: 03023-204557

Item Number: 1906 037

Low Bidder: Anlaan Corporation

Eng. Est: \$552,446.80      Low Bid: \$621,365.55      Difference: \$68,918.75      Percent: 12.48

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$552,446.80
Anlaan Corporation	\$621,365.55
Milbocker and Sons, Inc.	\$629,902.83
C. A. Hull Co., Inc.	\$797,632.19

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were minor traffic devices; superstructure concrete form finish cure; and superstructure concrete form finish cure, night casting. These items were bid higher than normal due to the immediate and inflexible construction schedule. The bridge deck fascia is severely deteriorated and causes a potential safety issue to the bridge railing. The superstructure pay items are higher due to the difficulty of forming around the existing utilities remaining in place. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the inflexible schedule and difficulty forming around existing utilities. This project received three bids ranging from \$621,365.55 to \$797,632.19, which varied by 28.37 percent. The two lowest bids varied by 1.37 percent. We believe that rejecting this bid and re-letting this project will not

result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Grand Rapids TSC request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. DeRuyver	N. VanDrunen	S. Rozema	E. Kind	

BOD:DD:QA:SF:raw

REQUEST FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION APPROVAL  
LETTING EXCEPTIONS AGENDA

June 27, 2019

**STATE PROJECT**

Letting of June 7, 2019  
Letting Call: 1906 037  
Project: M 03023-204557  
Local Agreement:  
Start Date: July 15, 2019  
Completion Date: November 15, 2019

Low Bid: **\$621,365.55**  
Engineer Estimate: \$552,446.80  
Pct Over/Under Estimate: 12.48 %

Partial deck replacement including bridge railing, joints, concrete curb and gutter, sidewalk and pavement markings on M-89 over the Kalamazoo River, Allegan County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Anlaan Corporation</b>	<b>\$621,365.55</b>	<b>Same</b>	<b>1 **</b>
Milbocker and Sons, Inc.	\$629,902.83	Same	2
C. A. Hull Co., Inc.	\$797,632.19	Same	3

Total Number of Bidders: 3

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba  
Director



## INFORMATION FOR MICHIGAN STATE

## TRANSPORTATION COMMISSION

June 27, 2019

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

**STATE PROJECT**

1. Letting of June 7, 2019  
 Letting Call: 1906 041  
 Project: NH 39024-204725  
 Local Agreement:  
 Start Date: July 8, 2019  
 Completion Date: December 13, 2019
- Low Bid: **\$258,336.21**  
 Engineer Estimate: \$239,334.96  
 Pct Over/Under Estimate: 7.94 %

Construct interchange ramp lighting on I-94 at Westnedge Avenue in the city of Portage, Kalamazoo County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>J. Ranck Electric, Inc.</b>	<b>\$258,336.21</b>	<b>Same</b>	<b>1 **</b>

Total Number of Bidders: 1

## LOCAL PROJECTS

2. Letting of June 7, 2019  
Letting Call: 1906 050  
Project: TAU 58000-204933  
Local Agreement: 19-5257  
Start Date: 10 days after award  
Completion Date: September 19, 2021

Low Bid: **\$453,615.95**  
Engineer Estimate: \$345,431.00  
Pct Over/Under Estimate: 31.05 %

0.59 mi of streetscaping, concrete curb and gutter, sidewalk, sidewalk ramp and pavement markings on Lewis Avenue from Pickard Road to Dean Road, Monroe County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>JB Contractors Inc.</b>	<b>\$453,615.95</b>	<b>Same</b>	<b>1 **</b>

Total Number of Bidders: 1

3. Letting of June 7, 2019  
Letting Call: 1906 061  
Project: STL 48141-130401  
Local Agreement: 19-5262  
Start Date: 10 days after award  
Completion Date: October 11, 2019

Low Bid: **\$59,696.20**  
Engineer Estimate: \$55,224.62  
Pct Over/Under Estimate: 8.10 %

Application of pavement markings on various routes, Luce County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>P.K. Contracting, Inc.</b>	<b>\$59,696.20</b>	<b>Same</b>	<b>1 **</b>

Total Number of Bidders: 1

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum February 11, 2019.

Respectfully submitted,

Paul C. Ajegba  
Director